

Amendment to the claims:

1. (original) A machine for removing articles such as debris and the like strewn on a tract of ground, comprising:

a wheel unit;

a support frame mounted on said wheel unit, having means for advancing said machine along said tract of ground;

an endless conveyor mounted on said support frame, having means for gathering articles deposited on said tract of ground and a flight extending from a front end disposed adjacent ground level, upwardly and rearwardly to an elevated rear end;

a receptacle mountable on said support frame, positioned to receive articles gathered by said gathering means, carried upwardly and rearwardly on said conveyor and discharged therein;

a moldboard disposed forwardly of a lower front end of said conveyor, pivotally connected to said support frame; and

means for driving said conveyor.

2. (original) A machine according to claim 1 wherein said moldboard extends transversely.

3. (original) A machine according to claim 1 wherein said moldboard is pivotal about a transverse axis.

4. (original) A machine according to claim 1 wherein said moldboard is provided with a skid surface.

5. (original) A machine according to claim 1 wherein said moldboard is provided with a set of ground engageable wheels.

6. (original) A machine according to claim 1 wherein said moldboard is provided with a ground engageable end disposed on one side of its pivot axis and a counterweight end disposed on an opposite side of said pivot axis.

7. (original) A machine according to claim 1 wherein said means for advancing said machine comprises a drawbar connected to said machine and connectable to a prime mover.

8. (original) A machine according to claim 1 wherein said endless conveyor is perforated.

9. (original) A machine according to claim 1 wherein said endless conveyor is of a chain link construction.

10. (original) A machine according to claim 1 wherein said endless conveyor is provided with a set of tines engageable with articles deposited on the ground for gathering and conveying said particles to said receptacle.

11. (original) A machine according to claim 10 including a set of tines supported on said support frame adjacent said receptacle and cooperable with said first mentioned set of tines to remove said articles therefrom and cause them to be discharged into said receptacle.

12. (original) A machine according to claim 11 wherein said first mentioned set of tines comprises a plurality of longitudinally spaced transversely disposed rows of tines, and said second mentioned set of tines comprises a transversely disposed row of tines which function to comb articles out of said rows of first mentioned set of tines.

13. (original) A machine according to claim 1 wherein said support frame includes at least one seating surface, and said receptacle comprises a removable bin which may be positioned on said seating surface.

14. (original) A machine according to claim 13 wherein said bin is provided with an access opening disposable adjacent said second mentioned set of tines when positioned on said seating surface.

15. (original) A machine according to claim 13 wherein said bin include a set of wheels and a hinged cover.

16. (original) A machine according to claim 1 including a rotary brush supported on said support frame and cooperating with said upper flight of said conveyor.

17. (original) A machine according to claim 16 wherein said endless conveyor is perforated and said brush cooperates with said upper flight to cause earth particles to be screened through said flight.

18. (original) A machine according to claim 17 wherein said gathering means comprise a set of tines.

19. (original) A machine according to claim 18 wherein said brush is rotatable about a transverse axis spaced from said upper flight a distance sufficient for said tines to pass through bristles of said brush.

20. (original) A machine for removing articles such as debris and the like strewn on a tract of ground comprising:

a wheel unit;

a support frame mounted on said wheel unit, having means for advancing said machine along said tract of ground;

an endless conveyor mounted on said support frame including a lower, forwardly disposed roll having a transversely disposed axis, an upper, rearwardly disposed roll having a transversely disposed axis, an endless belt trained about said rolls, having means for gathering articles deposited on said tract of ground and a flight extending from a front end disposed adjacent ground level, upwardly and rearwardly to an elevated rear end;

a moldboard supported on said support frame, pivotal about the axis of said lower, forwardly disposed roll; and

means for driving said conveyor.

21. (original) A machine according to claim 20 wherein said moldboard includes a skid surface engageable with the ground.

22. (original) A machine according to claim 21 wherein said moldboard includes a curved surface displaced substantially radially relative to the pivot axis thereof.

23. (original) A machine according to claim 21 wherein said moldboard includes a set of wheels engageable with the ground.

24. (original) A machine according to claim 23 wherein said moldboard includes a curved surface displaced substantially radially relative to said pivot axis thereof.

25. (original) A machine according to claim 20 wherein said moldboard includes a transverse section disposed forwardly of said lower, forwardly disposed roll, and a pair of radial arm sections disposed at the ends of said transverse section, supported on said support frame for pivotal movement about the axis of said lower, forwardly disposed roller.

26. (original) A machine according to claim 25 wherein said transverse section includes a skid surface engageable with the ground.

27. (original) A machine according to claim 26 wherein said transverse section includes a curved surface displaced substantially radially relative to the pivot axis of said moldboard.

28. (original) A machine according to claim 25 wherein said transverse section includes a set of wheels engageable with the ground.

29. (original) A machine according to claim 28 wherein said transverse section includes a curved surface disposed substantially radially relative to the pivot axis of said moldboard.

30. (original) A machine according to claim 25 wherein each of said arm sections extends beyond the pivot axis of said moldboard and is provided with a counterweight thereon on a side thereof opposite the side of said transverse section, relative to said axis.

A machine according to claim 1 including means for detachably securing said moldboard at selected angular position relative to said pivot axis thereof.

31. (original) A machine according to claim 1 including means for detachably securing said moldboard at selected angular position relative to said pivot axis thereof.

Cancel Claims 32 through 48.